

ABSTRACT OF DISCLOSURE

A variable capacity rotary compressor including a housing, the housing including two compression chambers, the two compression chambers having different capacities; a rotating shaft rotatably provided in the two compression chambers; two eccentric units respectively provided in the compression chambers in such a way as to be fitted over the rotating shaft, the two eccentric units being operated so that one of the two eccentric units is positioned eccentrically from the rotating shaft to perform a compression operation while the other eccentric unit is positioned concentrically with the rotating shaft to perform an idle operation, according to a rotating direction of the rotating shaft; roller pistons fitted over each of the two eccentric units; vanes installed in each of the two compression chambers so as to reciprocate in a radial direction while being in contact with an outer surface of the roller piston; and a path control unit to control a refrigerant suction path so that a refrigerant is provided to an inlet port of one of the two compression chambers which performs the compression operation.